

Practice: 548 - Grazing Land Mechanical Treatment**Scenario: #1 - Pasture****Scenario Description:**

Using an aerator or other state approved implement to break up surface compaction and/or break up sod and thatch on introduced forages. Aerator will improve water infiltration and aeration. Typically used as a stand alone practice or in combination with Forage and Biomass Planting (512) to prepare soil for overseeding.

Before Situation:

Surface compaction and/or dense thatch is reducing water infiltration and air exchange resulting in runoff and poor soil quality. Plant growth and species diversity is poor.

After Situation:

Surface compaction is broken up and new channels for air and water are created. Water infiltration, soil quality, forage growth, and species diversity is improved.

Scenario Feature Measure: Acres of mechanical treatment

Scenario Unit: Acre

Scenario Typical Size: 10

Scenario Cost: \$670.97

Scenario Cost/Unit: \$67.10

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation						
Site Preparation, Mechanical	944	Aerator, rolling drum chopper, etc. Includes equipment, power unit and labor costs.	Acre	\$65.86	10	\$658.60
Labor						
General Labor	231	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hour	\$24.74	0.5	\$12.37